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PTO/SB/05 (01-04)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 51854/2:2*First Inventor* John B. Hampshire II*Title* METHODS FOR PROCESSING ..*Express Mail Label No.* EL871857782US**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:
Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 42]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 8]
5. Oath or Declaration [Total Sheets 6]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

7. CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. Paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)
11. English Translation Document (*if applicable*)
12. Information Disclosure Statement (IDS)/PTO-1449
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: Petition.re.Entry.of.Color.Drawings.....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No.:

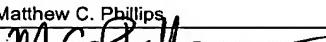
Prior application information:

Examiner _____

Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number:	3528		OR	<input checked="" type="checkbox"/> Correspondence address below
Name	Matthew C. Phillips			
Address	Stoel Rives LLP 900 S.W. 5th, Suite 2600			
City	Portland	State	OR	Zip Code 97204
Country	U.S.A.	Telephone	(503) 224-3380	
Name (Print/Type)	Matthew C. Phillips		Registration No. (Attorney/Agent)	43,403
Signature			Date	March 25, 2004

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Application No.:

Filed:

Inventors: **John B. Hampshire II and Mahesh Saptharishi**

Title: **METHODS FOR PROCESSING COLOR IMAGE
DATA EMPLOYING A CHROMA, HUE, AND
INTENSITY COLOR REPRESENTATION**

Docket No.: **51854/2:2**

CERTIFICATE OF EXPRESS MAILING

“Express Mail” mailing
label number EL871857782US

Date of Deposit: March 25, 2004

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING
DEPOSITED WITH THE UNITED STATES POSTAL SERVICE
“EXPRESS MAIL POST OFFICE TO ADDRESSEE” SERVICE
ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO:
MAIL STOP PATENT APPLICATION, COMMISSIONER FOR
PATENTS, ALEXANDRIA, VIRGINIA 22313-1450.



Kitty Sisk

Attachments:

- Utility Patent Application Transmittal
- Patent Application, including 42 pages of specification, claims and abstract
- Eight sheets of drawings (three sets)
- Petition for Entry of Color Drawings Under 37 C.F.R. § 1.84(a)(2)
- Combined Declaration and Power of Attorney for Patent Application (in two counterparts)
- Assignment (in two counterparts)
- Assignment Cover Page
- Information Disclosure Statement
- Form PTO-1449 (with copies of non-patent references)
- Fee Transmittal (in duplicate)
- Check in the amount of \$1,810.00
- Return-receipt postcard

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
John B. Hampshire II and
Mahesh Saptharishi

Application No.: To be assigned

Filed: Herewith

For: **METHODS FOR PROCESSING COLOR
IMAGE DATA EMPLOYING A
CHROMA, HUE, AND INTENSITY
COLOR REPRESENTATION**

Group Art Unit: To be assigned

Examiner: To be assigned

Date: March 25, 2004

PETITION FOR ENTRY OF COLOR DRAWINGS UNDER 37 C.F.R. § 1.84(a)(2)

TO THE COMMISSIONER FOR PATENTS:

Applicants' attorney hereby petitions to present color drawings in the above-identified utility patent application. This case presents a rare occasion in which color drawings are necessary as the only practical medium by which to disclose the subject matter of the application. The disclosure of this patent application concerns a new color representation system in terms of chroma, hue, and intensity. In its most intuitive and readily understood form, that color representation system can be derived from a RGB ("red-green-blue") cube, as shown in Figure 1. All other drawings in this application are based upon the RGB cube shown in Figure 1. The RGB cube and the concepts derived from it by the Applicants are not easily understood in the absence of color drawings.

In compliance with 37 C.F.R. § 1.84(a)(2), the Applicants have:

- (i) Enclosed payment of \$130.00, the amount prescribed by 37 C.F.R. § 1.17(h);
- (ii) Enclosed three (3) sets of color drawings; and
- (iii) Included in the specification the language required by § 1.84(a)(2)
(see paragraph [0017] on page 6).

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For the reasons stated above, the Applicants respectfully request that the Commissioner grant this petition.

Respectfully submitted,



Matthew C. Phillips
Registration No. 43,403

STOEL RIVES LLP
900 SW Fifth Avenue, Suite 2600
Portland, OR 97204-1268
Telephone: (503) 224-3380
Facsimile: (503) 220-2480
Attorney Docket No. 51854/2:2

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$ 1,810.00)**Complete if Known**

Application Number	
Filing Date	
First Named Inventor	John B. Hampshire II
Examiner Name	
Art Unit	
Attorney Docket No.	51854/2:2

METHOD OF PAYMENT (check all that apply)
 Check Credit card Money Order Other None
 Deposit Account:

Deposit Account Number	19-4455
Deposit Account Name	Stoel Rives LLP

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	770
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)		(\$) 770	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
54	-20** = 34		x 18	= 612	
6	- 3** = 3		x 86	= 258	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$) 870

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES**Large Entity** **Small Entity**

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	130
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	40
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) **(\$)** 170**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)	Matthew C. Phillips	Registration No. (Attorney/Agent)	43,403	Telephone	503-224-3380
Signature				Date	March 25, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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